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**REPUBLIC OF KENYA**

**MINISTRY OF ROADS AND TRANSPORT**

**STATE DEPARTMENT OF ROADS**

Telegraphic Address: “MINWORKS”, Nairobi Materials Testing & Research Division Telephone: Nairobi 0202554950 Machakos Road, Industrial Area Fax: 554877 P.O. Box 11873 – 00400 E-mail: [chiefengineer@mtrd.go.ke](mailto:chiefengineer@mtrd.go.ke) **NAIROBI**

Ref No. M.638/35/L/10 Date: 28th September, 2023

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| **Laboratory Test Report** |

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| **1. Customer’s Details:** THE MANAGING DIRECTOR DYNALTY TRADING LTD.  **E-mail:** Not provided  **Address:** P.O BOX 34055 -00100 NRB **Phone:** 0722972054  **2. Customer Contact:**0722972054 6. **Job Card No.** 743/S/2023  **3. Sample Description:** Fill & Subgrade 7. **Date fee paid:** 22/09/2023  **4. Sampled by:** Client. 8. **GOK MR No**. 4058955  **5. Date Sample received:** 22/09/2023 9. **Date Analysis started**: 22/09/2023  **10. Additional information provided by the customer: Construction of access road to Kenya women and children wellness.**     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |  | TEST RESULTS | | | | | | | | | | | | | | | | | | | **Sample No.** | **Reference** | **Dosage**% | **Grading** | | | | | | **Atterberg Limits** | | | | | **Compaction T180** | | **CBR** | | | % Passing BS Sieve Size (mm) | | | | | | LL | PL | PI | LS | PM |  | OMC (%) | 4days Soak  (%) | Swell (%) | | 20 | 10 | 5 | 2 | 0.425 | 0.075 | % | % | % | % |  | MDD  Kg/m3 | | 338/S/23 | HINGA | Neat | 100 | 96 | 86 | 76 | 68 | 63 | 40 | 26 | 15 | 8 | 1020 | 1400 | 17.0 | 15 | 0.3 | | **SOIL COMPOSITION: Gravel = 34%, Sand = 23%, Silt/clay =63%** | | | | | | | | | | | | | | | | 339/S/22 | NORTHERN BYPASS | Neat | **100** | **93** | **84** | **77** | **62** | 49 | 42 | 23 | 20 | 10 | 1240 | 1370 | 16.5 | 10 | 0.3 | | **SOIL COMPOSITION: Gravel =23 %, Sand = 28%, Silt/clay =49%** | | | | | | | | | | | | | | | |

**Eng. J. M. Mbarua**

**For: CHIEF ENGINEER (MATERIALS)**

**OiC Soils Laboratory CSE Soils Laboratory**

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